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POLAND PRODUCES COAL COMBINES, LOADERS, AND ROTARY DRILLS

DEVELOP NEW TYPE OF COAL LOADER -- Stalinogrod, Gazeta Robotnicza, 15 May 53

In Poland, the mechanization of coal loading is keeping pace with the mechanization of coal mining.

At present, a new type of prop wall coal loader, called ROK, is being introduced in the coal mines. Engineers Regulski, Opolski, and Korecki from the Instytut Mechanizacji Gornictwa (Institute for the Mechanization of Mining) developed the construction of the ROK prop wall coal loader. This loader doubles the productivity at prop walls.

Transportation of coal in the mines is also being modernized. Rolling stock and railroad tracks are being standardized in the entire coal industry. This year, many coal mines are replacing their 700- to 800-kilogram-capacity coal cars with 2- and 5-ton-capacity coal cars.

More and more mines are now transporting their crews from one place of work to another. Besides using special trains for this purpose, a number of coal mines recently have been using a belt conveyer. This method is of particular importance in coal mines with low coal seams that make the use of coal cars impossible. The transportation of miners by special belt conveyers is safe and comfortable.

POLAND PRODUCES COAL COMBINES, ROTARY DRILLS -- Stalinogrod, Gazeta Robotnicza, 13 May 53

The coal-extraction technique in the Polish coal-mining industry is constantly being improved and modernized. More and more coal combines, which Poland's coal-mining-machine industry is already producing serially, are being delivered to the coal mines. Coal combines, which extract and load the coal, greatly increase work productivity.

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At present, a new type of coal cutter with a productive capacity twice that of the old-type coal cutters is being introduced in galleries.

The drilling of blast holes is also being modernized. The Polish coal-mining-machine industry has developed a high-speed rotary electric drill. Prototypes of these drills have been fully tested, and serial production of them has been started. Up to now, electric rotary drills have not been used in the Polish mining industry.

In comparison with the percussion drills used up to this time, electric drills not only greatly increase the productivity at coal faces, but also facilitate the work of the driller.

POLAND PRODUCES FIRST KW-52 COMBINE -- Warsaw, Ogolnopolski Tygodnik Gospodarczy, Vol IV, 20-27 Jul 52

The coal mining industry has received the prototype of a new KW-52 combine. This was designed by Polish engineers and built entirely in the Polish mining-machine industry. After the first successful trials, the miners and the management of the Zabrze-Wschod coal mine acknowledged that the many merits of the combine qualify it for work in the specific conditions of the Polish mines.

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